

Product Information

MemDX™ Membrane Protein Human UNC5B (Unc-5 netrin receptor B) for Antibody

Discovery

Cat. No.: **MP0869J**

This product is for research use only and is not intended for diagnostic use.

This product is a 103.5 kDa Human UNC5B membrane protein expressed in HEK293T. The protein is for research use only and is not approved for use in humans or in clinical diagnosis.

Product Specifications

Host Species

Human

Target Protein

UNC5B

Protein Length

Full-length

Protein Class

Druggable Genome, Transmembrane

Molecular Weight

103.5 kDa

TMD

1

Sequence

MGARSGARGALLLALLLCWDPRLSQAGTDSGSEVLDPDSFPSAPAEPLPYFLQEPQDAYIVKNKPVELRCR
AFPATQIYFKCNGEWVSQNDHVTQEGLDEATGLRVREVQIEVSRQQVEELFGLQDYWCQCVAWSSAGTTK
SRRAYVRIAYLRKNFDQEPLGKEVPLDHEVLLQCRPPEGVPVAEVEWLKNEDVIDPTQDTNFLLTIDHNL
IIRQARLSDTANYTCVAKNIVAKRRSTTATVIVYVNGGWSSWAEWSPCSNRCGRGWQKRTCTNPAPLN
GGAFCGQAFQKTACTIONCPVDGAWTEWSKWSACSTECAHWRSRECMAPPPQNGGRDCSGTLLDSKNCTD
GLCMQNKKTLSDPNSHLLASGDAALYAGLVVAIFVVVAILMAVGVVVYRRNCRDFDITDSSAALTGG
FHPVNFKTARPSNPQLLHPSVPPDLTASAGIYRGPVYALQDSTDKIPMTNSPLLDPLPSLKVKVYSSSTT
GSGPGLADGADLLGVLPPGTYPSPDFARDTHFLHLSASLGSQQLGLPRDPGSSVSGTFGCLGGRLSIPG
TGVSLVLPNGAIPQKGKPYEMYLLINKAESTLPLSEGQTQVLSPSVTCGPTGLLLCRPVILTMPHCAEVSA
RDWIFQLKTQAHQGHWEVVTLDDEETLNTPCYCYQLEPRACHILLDQLGTYYFTGESYSRSYSAVKRLQLAVF
APALCTSLEYSLRVYCLEDTVALKEVLELERTLGGYLVVEPKPLMFKDSYHNLRLSLHDLPHAHWRSKL
LAKYQEIPFYHIWGSQKALHCTFTLERHSLASTEELTCKICVRQVEGEGQIFQLHTTLAETPAGSLDTLC
SAPGSTVTTQLGPYAFKIPLSIRQKICNSLDAPNSRGNDRMLAQKLSMDRYLNYFATKASPTGVILDLW
EALQQDDGDLNSLASALEEMGKSEMLVAVATDGDC

Product Description

Expression Systems

HEK293T

Tag

C-Myc/DDK

Form

Liquid

Purification

Anti-DDK affinity column followed by conventional chromatography steps

Purity

> 80% as determined by SDS-PAGE and Coomassie blue staining

Buffer

25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol

Storage

Store at +4°C for up to one week or several months at -80°C

Target**Target Protein**

UNC5B

Full Name

Unc-5 netrin receptor B

Introduction

This gene encodes a member of the netrin family of receptors. This particular protein mediates the repulsive effect of netrin-1 and is a vascular netrin receptor. This encoded protein is also in a group of proteins called dependence receptors (DpRs) which are involved in pro- and anti-apoptotic processes. Many DpRs are involved in embryogenesis and in cancer progression. Two alternatively spliced transcript variants have been described for this gene.

Alternative Names

UNC5H2; p53RDL1

Gene ID

[219699](#)

UniProt ID

[Q8IZJ1](#)